TITUSVILLE AMATEUR RADIO CLUB

NEWSLETTER

FEBRUARY, 1997

OFFICERS

PRESIDENT: Bud Hughes K4CWG 269-0779 SECRETARY: Marty Coin WD4JNM 264-9447
V. PRESIDENT, Pike Abell W4EPU 269-4208 TREASURER: Clyde Lee K4EOS 267-9375

CLUB INFORMATION

TARC MEETINGS :	**Monthly on 4th Tuesday at 1900 hrs at Jaycee Building.**
TARC NETS:	**VIP - Thursdays at 1000 hrs on 146.910**
	FRIENDSHIP - Thursdays at 1830 hrs. ao146.910
	MOSQUITO - Wednesdays at 1900 hrs on 28.333
TARC REPEATERS:	**VHF - 146.910 and146.970. UHF 444.150**

PRESIDENT'S CORNER

By Bud Hughes K4CWG

Did you notice the wonderful attendance at the club's January meeting? I hope you enjoyed the companionship as much as I did.

The ladies who prepare the refreshments for the TARC meetings continue to get lots of nice compliments on the delicious food. To those members who so graciously provide additional snacks for the club, we thank you for your thoughtfulness.

You know, there are many of us who succumb to that old nasty flu, virus, or whatever its title may be. Do you agree with me that the phrase "catch the flu" or "catch a cold" is a complete misnomer? Mr. Noah Webster says in his book that to "catch" is to "grab", "grasp or snatch". Now who among us would even think of grabbing, grasping or snatching a cold or the flu? For those who have been accused of snatching a cold or flu or.... our thoughts and best wishes are extended to you and hope you will be able to "unsnatch" whatever ails you and be up and about real soon. We wish you a speedy recovery and hope you will be back with us real soon.

For those who have equipment to sell or trade let me remind you that TARC will have a table at the Orlando HamCation February 15 and 16. As always, the club welcomes you to put your "for sale" equipment on the club table. The table location will be the same as last year. If you can make it to the fest be sure and come by the club table and visit with your fellow club members.

By the time you receive this newsletter, KE4YQN, Butch and wife Patty, KF4MUV will have hidden the fox and I will be trying to tell anyone who will listen just exactly why I was not the first to locate that Ole Mean Fox.

Best to all and hope you'll be present at the many club functions. To name a few....Fox Hunt/Morrison's/Black Point Wildlife Bike Ride/ checking into the Mosquito, VIP and Friendship nets.

See you at the TARC Meeting on February 24. 73'S

HAPPY BIRTHDAY

FEBRUARY BIRTHDAYS

FEB. 02 WB4DXD BUCK TOMLINSON
FEB. 02 K4CWG BUD HUGHES
FEB. 04 W4LAC JASON RUDISILL
FEB. 07 WA4HSY C. J. PETRICK
FEB. 12 KE4MWZ MIKE ELLIXSON
FEB. 14 WB4ZUY WYNN ROSTEK
FEB. 16 KE4YQH KEITH KISER
FEB. 16 KD4ZAH JEWEL SANFORD
FEB. 16 KT4CP BUCK THORNE
FEB. 17 KE4YQL CLARA ABELL
FEB. 17 KF4HTB BECKY LEE
FEB. 21 N4WIN WALT FOSTER
FEB. 21 K1SKQ FRANCIS McDERMOTT
FEB. 22 K8HRR IRA BICKHAM

CHRISTMAS PARADE

By Warren KS4GP

It was very cold on Saturday afternoon, December 21. Everyone arrived around 3 PM and started getting organized. Les K4SJC set up at the warm command post. KF4DTC, Abbie, got attached to Donna with the golf cart so we could keep in touch. Things finally clicked and the parade started out at 6 PM. The weather improved and everybody had a good time. My thanks to the following for all the help.

N4SCY OZZIE KF4YQN BUTCH KF4MUV PAT
KC4UUX ALLEN KD4ITX NANCY KD4DCZ RON
K4CWG BUD KD4ZPA JOHN N2CTQ LOU
N2USO MARIE W4EPU PIKE

Hope I did not miss anyone.

I REALLY APPRECIATE THE HONOR OF "HAM OF THE YEAR". I COULD NOT HAVE ACCOMPLISHED ALL OF THE EVENTS, PROJECTS, ETC, WITHOUT THE TEAM WORK. MY THANKS TO ALL OF YOU WHO HELPED.

THIS IS ONE OF THE GREATEST HONORS OF MY LIFE. WARREN KS4GP

A DEARTH OF PERTH

By Bob W4VQB

How many times have you had a visitor to your shack ask the question, "How far can you talk to someone on your radio?" Over 50 years ago I was asked that question and I would always reply, "Perth, Australia!"

Our club in Altoona, PA (The Horseshoe Club) noted that this slightly egg shaped earth was about 25,000 miles in diameter and that the furthest civilized place you could contact via the normal Kennelly/Heavyside layers was the far western corner of Australia and the major city called Perth. We didn't want to split fine hairs about a few miles this way or that, so we gave special recognition to any member who could produce a QSL card from VK6-Perth. This was proof that "you had gone as far as you can go" on this terrestrial ball with our old-time amplitude modulation or that quaint thing known as CW.

You old timers will remember how hard it was to make contacts on the 20 Meter heterodyne alley to Australia. So I quickly decided that 40 meter CW was the best way to go, and after 4 months of early morning brasspounding, I snagged a VK in Perth. It took another eight months to receive my QSL card, but the attaboys were worth the effort.

That card is now lost forever and a review of my more recent cards shows that I don't have one from Perth. Now I have a new goal..but the current depth of the sunspot cycle has produced a dearth of signals from Australia, let alone Perth. So, here is the challenge: Contact Perth after the 15th of February, 1997. Bring your QSL card as proof to one of our club meetings and receive one each accolade for outstanding "ham radio" performance. Get 'em Tiger/ess!

AMATEUR RADIO

From W5YI Report 1/15/97

A move is underway by Weak Signal CW, SSB, EME, non-FM and Satellite enthusiasts to legally protect certain sub-bands in the 50 Mhz and through 13cm ham bands from intrusion by FM repeater, packet and ATV interests.

The weak signal community is concerned that with the recent *Memorandum of Understanding* between the ARRL and the National Frequency Coordinators' Council (NFCC) that the previous so-called "gentlemen's agreements" may no longer be honored. There is currently protection for CW only in the 6m (50.0-50.1 Mhz) and 2m (144.0-144.1) bands.

We understand a Petition for Rulemaking is in the works that will ask for rules declaring that FM Repeaters, Packet Radio and ATV may not use the following bands:

6m	50.1 - 51.0 Mhz
2m	144.0 - 144.6 & 145.8 - 146.0
1.25m	222.00 - 222.25
70cm	432.0 - 433.0 &435.0 - 438.0
33cm	902.0 - 903.0
23cm	1260 - 1270, 1295 - 1300
13cm	2303 - 2305, 2400 - 2410 & 2430 - 2438 Mhz

Weak signal operators say that while their activity is in a minority in the Amateur Community, they provide valuable data on Radio Wave Propagation, Experimental Techniques and New Technologies, and should be afforded protection from interference from incompatible modes.

The band segments were chosen based on the current ARRL band plans. The bands above 13 cm were not included due to the lack of incompatible modes there currently.

The Dec. 16 Los Angeles Times newspaper carried an unusually long (four columns wide) feature story on Richard Burton, ex WB6JAC, complete with two photographs. Burton is"....the only person ever to go to jail for talking on ham frequencies without a license..." After being denied a license for 15 years, it seems that Burton appeared at a VE session last September and passed the necessary exams. Even though he was not supposed to get a license, he was issued KF6GKS. As soon as red-faced FCC officials in Gettysburg, PA realized who he was, they revoked it.

Ham radio is an obsession with Burton. "Not only is he the only amateur operator to be sentenced to federal prison for talking on the radio, he's been locked up twice for the same offense."

Burton, 53, has been at odds with the FCC since 1981 when officials yanked his first ham radio license after he was caught cursing on the air. He kept on talking, however, and that landed him in federal prison for 6-1/2 months.

When his probation ended in 1989, he took the test for a new license. But before the FCC could act on the application, government investigators caught him illegally on the air again. This cost him $2000 and another year's probation. In 1993 he was again caught on the air and sentenced to another seven months in jail.

He was issued KF6GKS last fall because the VE team did not know who he was. And the FCC's computer which should have sifted out the application, did not. It seems that he used a different mailing address and omitted his middle initial.

But that apparently is not the end of the story. The article says that Burton has now gone back to his old habit of broadcasting without a license. And he could end up back in prison for a third visit.

FCC DELAYS NEW RF-EXPOSURE RULES

From QST Feb. 1997

The FCC has postponed for one year - until January 1, 1998 - the date for hams to comply with its new RF-exposure regulations.

The ARRL was among those requesting the delay last fall. The League said that the additional time was needed for the FCC to draft implementation guidelines that amateurs could use to help them comply with the regulations - released on August 1, 1996 as ET Docket 93-62. Among other things, the regulations would

require hams running 50 W PEP or more to "conduct" routine RF radiation evaluations" to determine if RF fields were sufficient to cause human exposure to RF radiation levels in excess of those specified in the proposed regulations. The ARRL also has asked the FCC to reconsider the 50 W threshold, but the FCC report (DC 96-112) extending the compliance deadline did not address that issue.

The FCC announced the extension right before Christmas, noting that more time would be needed for affected licensees to determine that they comply with the new requirements. The extension also will allow required changes to Amateur Radio operator examinations to be made at the time other, routine revisions are made between now and July 1, 1998. In announcing the extension, the FCC said it disagreed with those petitioners who suggested that the time extension would have significant adverse effects on public health.

Since the FCC announced the RF-exposure regulations, the ARRL has worked with technically knowledgeable volunteers to assist the staff, the RF Safety Committee and the FCC in coming up with a workable ham radio approach toward RF safety. ARRL Laboratory Supervisor ED Hare, KA1CV - the ARRL HQ liaison to the ARRL RF Safety Committee - has spearheaded the ARRL's effort. "The ARRL is very pleased that the FCC extended the compliance date," Hare said. "As all parties involved tried to fully understand the new requirements, it soon became obvious that neither the FCC nor the ham radio community was ready for the January 1, 1997, implementation deadline."

Hare said the delay will give both the FCC and hams more time to better understand the implications of the rules and will give hams an opportunity to evaluate their stations as the regulations will require (see "The FCC's New RF-Exposure Regulations," QST, Jan 1997, p 47)

In the meantime, the FCC is continuing with its effort to help hams meet the anticipated regulatory requirements. When it announced the new regulations last summer, the FCC said it would issue a revision of an existing FCC publication, OET Bulletin N. 63, *Evaluation Compliance with FCC Specified Guidelines for Human Exposure to Radio Frequency Radiation.* As this report went to press in Late December, the FCC still was working on revisions to this bulletin, and the ARRL and others were reviewing it and offering substantial input to the FCC.

Hare said that the delay also benefits the FCC by giving the agency more time to judge the merits of other Petitions for Reconsideration it has received on this topic. Among other things, this would include the ARRL's request that the FCC reconsider the 50 W threshold to trigger an RF-exposure evaluation. The ARRL said that, in setting the 50 W threshold, the FCC failed to consider the effect of antenna height, antenna gain, emission mode, duty cycle or operating frequency.

The League asked the Commission either to scale the evaluation threshold by frequency to match the maximum permissible exposure (MPE) limits - directly corresponding to the way the regulations scale the exposure levels with frequency - or to add an evaluation threshold for all HF operation at 150 W at a distance of 0 meters (about 33 feet) from all parts of the antenna. The League says the 50 W threshold should be retained as it applies to other frequencies or circumstances, however.

TRUTH IS STRANGER THAN FICTION

AS PER THESE REAL NEWSPAPER HEADLINES

Astronaut takes blame for gas in space.
New study of obesity looks for larger test group.
British union find dwarfs in short supply.
Arson suspect is held in Massachusetts fire.
Chef throws his heart into helping feed needy.
Kids make nutritious snacks.
Red tape holds up new bridge.
Typhoon rips through cemetery; hundreds dead.
Enfields couple slain. Police suspect homicide.
Cold wave linked to temperatures.
If strike isn't settled quickly, it may last a while
War dims hope for peace.
Never withhold herpes infection from loved one.
Drunken drivers paid $1000 in '84.
Killer sentenced to die for second time in 10 years.
Two sisters reunited after 18 years in checkout counter.
Stolen painting found by tree.
Two Soviet ships collide; one dies.
Miners refuse to work after death.
Enraged cow injures farmer with ax.
Reagan wins on budget, but more lies ahead.

CALL SIGN SNAFU AT FCC AFFECTS NEW HAMS

From Florida Skip - 1/97

Imagine you've just passed your licensing examination and your new ticket finally arrives in the mail bearing your brand-new call sign. Maybe you even order a batch of new QSL cards. Then, you get on the air only to learn that your brand-new call sign isn't your call sign after all, because the FCC already had issued it to someone else!

In fact, in some cases during mid to late October, the FCC's computers apparently issued the same call sign to several individuals at different times. In a way, it's been a game of musical chairs, but one where the last person to be assigned the call sign gets to keep it. Among those affected were Louise Williams, KF4MTE, and John Lake, KF4MTC, both of Newberry, South Carolina, and George Merchant, KF4MTD, of Joanna, South Carolina. Williams first was issued KF4MTO. A check of the FCC transaction records indicates that KF4MTO was a busy call sign, having first been assigned to Williams on October 23, then reassigned on October 30 to another YL in North Carolina, before ending up with its "rightful" owner, yet another YL in Tennessee on November 2. Williams was issued KF4MTE on the same date, but not before the call sign had briefly been assigned first to different individuals in Florida, also on October 23 and October 30, respectively. Lake's and Merchant's call signs had similar histories, and they, in turn, had first received other call signs on their new licenses.

The FCC discovered the problem in late October. Commission personnel were wrestling with computer-related problems for about a week during late October and early November, just prior to issuing the first Gate 2 vanity call signs on November 4. All of those affected appear to be first-time licenses.

"The incorrect licenses were not supposed to be mailed out, but somehow, they were mailed out," said a spokesman at the FCC's Gettysburg, Pennsylvania, office. He said he had "no idea" how many licenses were affected, but he believes the FCC's current database has been corrected so that no call sign has multiple holders. But some people affected might not have gotten the word yet. "The correct licenses might not have been mailed out, so they might be holding a license with the wrong call sign," he conceded. "We're going to try and see which ones didn't get mailed out." He emphasized that the call sign in the current FCC database is the correct call sign.

Gettysburg personnel were looking into the reasons for the irregularity with an eye toward making sure it doesn't happen again, he said.

THE CLUB IS SADDENED
BY THE PASSING OF THE DAUGHTER
OF MAURICE AND DORIS GIONET,
KE4AGK AND KF4IGN
ALSO
BY THE PASSING OF THE BROTHER OF BILL
(OUR HARMONICA PLAYER) EPPLEY, W2SDB

FROM FLORIDA SKIP
JANUARY, 1997

(All times ET. All nets daily, unless noted.)

TIME	NET ABBREV & NAME	FREQ
0630	Waterway CW Net	3717
0655	FPTN Florida Phone Traffic Net	3940
0700	Rainbow Connection Net	3970/7295
0700	Caribbean Net	7232
0730 (SAT)	AIN ARRL Information Net	3940
0730 (SUN)	Florida Trader's Net	3945
0730 (SUN)	RV Service Net	3963
0745	Waterway Net	7268
0800 (SAT)	SFAN South Florida ARES Net	3940
0800 (SAT)	QCWA QCWA/OOTC Net	3955
0800 (TUES)	Buckaroo Tfc Net	7248
0800	SOUTHCARS	7251
0830	GN Gator Net	3651/7061
0900 (EXC SUN)	NFAN North Florida ARES Net	3950
0900 (SUN)	Swap Net	7275
0900 (SUN)	The Tech Net	7268
0900 (FRI)	The Computer Net	7268
1000 (WED)	SCARS Traders Net	7251
1130	Buckeye Net	14262
1145	FMTN Florida Midday Traffic Net	7247.5
1200 (MON-FRI)	RV Service Net	14308
1245	SOUTHCARS	7251
1330 (SUN)	FSARA Florida Shrine Amat Radio Ass'n	7236 +/-QRM
1400 (SUN)	Society of Wireless Pioneers	7054
1500 (SUN)	QCWA Quarter Century Wireless Ass'n	14347
1630	FPON Florida Public Opns Net	3908
1700	TPTN Tropical Phone Tfc Net	3940/7243
1700 (MON-FRI)	RV Service Net	14308
1730	FMSN Florida Medium Speed Tfc Net	3651/7061
1800	FAST/E South Florida Tfc Net (Early)	3940
1830/1930	NFPN North Florida Phone Net	3950
1900	Martin County Ragchew Net	3985
1900	Rainbow Connection Net	3970/7295
1900	QFN/E All Florida CW Traffic Net (Early)	3651/7061
1900 (SUN)	Sailfish Net - West Palm Beach	28425
1900 (MON)	Manatee County ARES Net	28450
1900 (TUES)	Pinellas County ARES Net	28450
1900 (TUES)	Mosquito Net - Orlando Chapter	28333
1900 (WED)	Titusville Mosquito Net	28333
1930 (MON & FRI)	Swap Net	3898
1930 (TUES)	Brevard Laid Back Net	28340
1930* (WED)	Candy's Swap Net	3945
2000	QFNS All Florida Slow Speed CW Tfc Net	3715
2000 (THURS)	Charlotte County Net	28.490/495
2030 (MON)	Wacky Wingdinger Net (NE Fl)	28390
2030	So. Brevard Tech & Ragchew Net	29200
2030 (MON)	ENTIN Everglades Novice/Tech Net	28375
2200	QFN/L All Florida CW Traffic Net (Late)	3651
2230	FAST/L South Florida Tfc Net (Late)	3940

* 2030 during Daylight Savings Time

PLEASE SENT CORRECTIONS OR ADDITIONS TO:

Bill Britton, KB4VOL, 8703 S.E. Jardin St., Hobe Sound, FL 33455

By Packet: KB4VOL @ KB4VOL Army Mars Call: AAT4RV

E-Mail: kb4vol@juno.com

TREASURER'S REPORT

By Clyde Lee K4EOS

Balance Forward From 1996	5703.59
Deposits Year To Date	222.00
TOTAL INCOME	**5925.59**
Expenditures	2023.58
BALANCE AS AT 01/29/97	**3902.01**

CORRECTION

In question 11 of last month's quiz, answer (a) should have been 0.14 Ω and 3.5 W, based on 0.7 x 5 = 0.14.

JANUARY MINUTES

By Marty Coin WD4JNM

The meeting called to order at 1900 hrs by President Bud Hughes, K4CWG. After the Pledge of Allegiance to the Flag and a moment of silence to remember deceased members, those present introduced themselves and their guests.

The following new members were voted into the club:

KC4GWF MICHAEL HANIOTES
KE4MXC JEAN GONZALEZ
N0ZEQ RICHARD CRUMPTON

Bud reminded everyone of the IRARC meeting on February 6. A representative from Gap Antennas will be the guest speaker.

Pike W4EPU introduced Ralph AE4LE who spoke of the Valiant Air Command show on March 14, 15, 16, and asked for communications volunteers to work that project.

Bill KT4CQ talked about having a tailgate session in Titusville sometime in the coming months. Idea to be discussed at a later meeting. There was also talk of having a White Elephant Sale in the future.

There were 64 members and guests present.

Meeting adjourned at 20:25 hrs.

ABELL'S ANECDOTES

By Pike W4EPU

On our trip this summer, Clara and I passed through Sikeston, Missouri, the location of Lambert's Cafe. On their marquee, in large letters, is written "HOME OF THE THROWED ROLLS".

Being originally from that general area of the country, we knew about Lambert's, but had never eaten there. So we took the opportunity and stopped for lunch. It was quite an experience, and they really do throw the rolls. Not only that, but all during the meal waiters and waitresses were roaming around the dining area offering honey, sorghum molasses, fried okra, sautéed apples, etc.

It all started back about 1976, when Lambert's was just a small cafe. During meal times the owner, Mr. Lambert, would go from table to table passing our hot rolls fresh from the oven to the patrons, As the story goes, one day the cafe was unusually crowded. It was next to impossible to walk through the lunch hour crowd. One of the customers yelled, "Just throw me one, Mr. Lambert:. He did! That was the start of a tradition which made Lambert's café one of the most popular and famous restaurants in central USA. Their popularity is contributed mainly for the "throwed rolls". The tradition continues to this day.

As we ate there we learned that is all done in good taste. The waiters are neatly dressed and wear plastic gloves. They carry hot pans of rolls around the dining area, tossing them to patrons who hold up their had poised to catch them. The patrons rarely miss.

We found the cuisine in the Sikeston restaurant to be excellent. They serve good portions at reasonable prices. Their popularity has grown considerably.

They now also have restaurants in Foley in Southeastern Alabama - on Highway 98, 27 miles west of Pensacola, FL - and on Highway 65 between Springfield and Branson, Missouri.

If anyone who is passing through any of these locations at meal time, we recommend dining at Lambert's for a wholesome and fun meal.
73s es 88s

MEMBERSHIP UPDATE

Total membership: 274 (199 regular, 69 family, 6 honorary)

NEW MEMBERS: 000000 ANTHONY SINI
KR4GS ANTHONY LAPENTA
KF4NKL KOE WEAVER

RENEWALS: KF4AOW W. S. DAMPIER
KE4WJV TERRY DAMPIER
KS4BD DARWIN McCOMBS
WB1DBZ EMIL MONTPLAIER
AA4HP HANK PHILLIPS
KD4JMX STEPHANE PHILLIPS
KD4JBL WILLIE WILLIAMS
KB4RBU VERN BAUER
KT4RG TIM HAYES
W4VQB BOB NEDIMEYER
WN4YKG DON HATFIELD
KE4JBF JOAN HATFIELD

WB4ZUZ WYNN ROSTEK
WB4ZUY THERESA VALEK

HAMFESTS:

02/8	Arcadia
02/8	Pensacola
02/15-16	Orlando
02/22	Brooksville
03/8	Englewood
03/15-16	Ft.Walton Beach
03/22	Stuart
03/22	Sebring
03/29	Fanning Springs

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LOVE